PATENT

Case Docket No. NIH210.001C1
Date: March 8, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	:	Gottesman et al.
Appl. No.	:	10/627,007
Filed	:	July 25, 2003
For	:	IDENTIFICATION OF NEW SMALL RNAs AND ORFs OF E. COLI AS MEDIATORS OF CELL AND INTERCELL REGULATION
Examiner	:	Unknown
Group Art Unit	:	Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

March 8, 2004
(Date)

Nancy W. Vensko, Reg. No. 36,298

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

(X) An Information Disclosure Statement.

(X) A PTO Form 1449 with forty-seven (47) references.

(X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

(X) Return prepaid postcard.

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INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 47 references that are also enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 3/8/05

By: _____

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. NIH210.001C1	APPLICATION NO. 10/627,007
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	APPLICANT Gottesman et al.	
	FILING DATE July 25, 2003	GROUP Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	1.	Altschul, S.F. et al. 1990 "Basic local alignment search tool" *J. Mol. Biol.* 215: 403-410.
	2.	Altuvia S. et al. 1998 "The *Escherichia coli* OxyS regulatory RNA represses fhlA translation by blocking ribosome binding" *EMBO J.* 17(20):6069-75.
	3.	Altuvia, S. et al. 1997 "A small, stable RNA induced by oxidative stress: Role as a pleiotropic regulator and antimutator" *Cell* 90: 43-53.
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	5.	Bachellier, S. et al. 1996 "Repeated sequences" In: *Escherichia coli* and Salmonella: Cellular and molecular biology (ed. F.C. Neidhardt, et al.), pp. 2012-2040 American Society for Microbiology, Washington, D.C.
	6.	Barreiro, V. et al. 1992 "Attachment sites for bacteriophage P2 on the *Escherichia coli* chromosome: DNA sequences, localization on the physical map, and detection of a P2-like remnant in *E. coli* K-12 derivatives" *J. Bacteriol.* 174: 4086-4093.
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	9.	Blumenthal, T. et al. 1979 "RNA replication: Function and structure of Qβ-replicase" *Annu. Rev. Biochem.* 48: 525-548.
	10.	Bouvier, J et al. 1992 "Cloning, characterization, and expression of the *dapE* gene of *Escherichia coli*" *J. Bacteriol.* 174: 5265-5271.
	11.	Brown, L. et al. 1996 "Efficient translation of the RpoS sigma factor in *Salmonella typhimurium* requires Host Factor I, an RNA-binding protein encoded by the *hfq* gene" *J. Bacteriol.* 178: 3763-3770.
	12.	Campbell, A.M. 1992 "Chromosomal insertion sites for phages and plasmids" *J. Bacteriol.* 174: 7495-7499.

EXAMINER	DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	13.	Compan, I. et al. 1994 "Anaerobic activation of *arcA* transcription in *Escherichia coli*: Roles of Fnr and ArcA" *Mol. Microbiol.* 11: 955-964.
	14.	Delcher, A.L. et al. 1999 "Improved microbial gene identification with GLIMMER" *Nucleic Acids Res.* 27: 4636-4641.
	15.	Devereux, J. et al. 1984 "A comprehensive set of sequence analysis programs for the VAX" *Nucleic Acids Res.* 12: 387-395.
	16.	Eddy, S.R. 1999 "Noncoding RNA genes" *Curr. Opin. Genet. Dev.* 9: 695-699.
	17.	Franze de Fernandez, M. et al. 1968 "Factor fraction required for the synthesis of bacteriophage Qβ RNA" *Nature* 219: 588-590.
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	29.	Okamoto, K. et al. 1986 "Mechanism for the autogenous control of the *crp* operon: Transcriptional inhibition by a divergent RNA transcript" *PNAS USA* 83: 5000-5004.
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	33.	Seoane, A.S. et al. 1995 "Identification of new genes regulated by the *marRAB* operon in *Escherichia coli*" *J. Bacteriol.* 177: 530-535.
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